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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/654,955	09/05/2003	Chieh-Shih Yi	YICH3002/EM	7925

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EXAMINER

LEVI, DAMEON E

ART UNIT	PAPER NUMBER
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2841

DATE MAILED: 11/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/654,955

Applicant(s)

YI ET AL.

Examiner

Dameon E Levi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Willis et al US Patent 6618260.

Regarding claim 1, Willis et al discloses an apparatus comprising:

a bracket (for example, see element 140, Figs 1-5); a riser card (for example, see element 142, Figs 1-5);, vertically mounted on said bracket, and correspondingly inserted into said slot of said motherboard ; and at least two card slots (for example, see element 144, Figs 1-5); being respectively mounted on two opposite lateral surfaces of said riser card and respectively having a connecting port facing to an opposite direction parallel to said motherboard.

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Regarding claim 2, Willis et al discloses wherein said at least two card slots include a long card slot correspondingly connected with a long profile adapter(for example, see card slot profile adapter going into element 144, Fig 3).

Regarding claim 3, Willis discloses , wherein a long lateral frame extends laterally from one end of said bracket, and said long profile adapter includes a long card cover mounted on said long lateral frame(for example, see Fig 4).

Regarding claim 4, Willis et al discloses wherein said at least two card slots include a short card slot correspondingly connected with a short profile adapter(for example, see Fig 4).

Regarding claim 5, Willis et al discloses wherein a short lateral frame extends laterally from one end of said bracket, and said short profile adapter includes a short card cover mounted on said short lateral frame(for example, see Fig 4).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Willis et al US Patent 6618260 in view of Chang US Patent 6273730.

Regarding claim 6, Willis et al discloses the instant claimed invention except wherein two locking bosses are formed on said bracket, and two locking holes corresponding to

said locking bosses are formed on said riser card; two screws being used to vertically mount said riser card on said bracket by attaching said locking holes to said locking bosses.

Chang discloses an assembly wherein two locking bosses (for example, see elements 111, Figs 1, 2) are formed on said bracket, and two locking holes (for example, see elements 34, Figs 1,2) corresponding to said locking bosses are formed on said riser card; two screws (for example, see elements 30, Figs 1,2) being used to vertically mount said riser card on said bracket by attaching said locking holes to said locking bosses (for example, see elements .

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have used the securing arrangement as taught by Chang in the assembly as taught by Willis et al for the purpose of securing the riser card firmly in the chassis to reduce shock and vibration.

Regarding claim 7, Willis et al discloses the instant claimed invention except wherein a plurality of escape holes is formed on said bracket, and same number of corresponding screw holes is formed on said chassis frame; a plurality of screws being used to lock said bracket onto said chassis frame by connecting said escape holes and said screw holes.

Chang discloses an assembly wherein a plurality of escape holes is formed on said bracket, and same number of corresponding screw holes is formed on said chassis frame; a plurality of screws being used to lock said bracket onto said chassis frame by

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connecting said escape holes and said screw holes(for example see elements 111, 11, Figs 1,2, also see column 2, lines 10-30).

Accordingly, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have used the securing arrangement as taught by Chang in the assembly as taught by Willis et al for the purpose of reducing shock and vibration in the assembly.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dameon E Levi whose telephone number is (571) 272-2105. The examiner can normally be reached on Mon.-Fri. (9:00 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571) 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DEL

Dameon E Levi
Examiner
Art Unit 2841

KAMAND CUNEO
SUPERVISORY PATENT EXAMINER
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